SEQUENCE LISTING

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<120> A METHOD OF PRODUCING A RECOMBINANT PROTEIN AND A PROTEIN PRODUCED BY THE METHOD

<130> BDM-05-1792

<140> 10/561,107
<141> 2005-12-15

<150> PCT/FR04/01538
<151> 2004-06-18

<150> FR 0307411
<151> 2003-06-19

<160> 16

<170> PatentIn Ver. 3.3

<210> 1
<211> 288
<212> PRT
<213> Homo sapiens

<400> 1

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Met Gly Gln Ile Leu Ser Ala Thr Gln Glu Gln Ile Ala Glu Ser Tyr
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Tyr Pro Glu Tyr Leu Ile Asn Leu Val Gln Gly Gln Leu Gln Thr Arg
             20                  25                  30

Gln Ala Ser Ser Ile Tyr Asp Asp Ser Tyr Leu Gly Tyr Ser Val Ala
         35                  40                  45

Val Gly Glu Phe Ser Gly Asp Asp Thr Glu Asp Phe Val Ala Gly Val
     50                  55                  60

Pro Lys Gly Asn Leu Thr Tyr Gly Tyr Val Thr Ile Leu Asn Gly Ser
 65                  70                  75                  80

Asp Ile Arg Ser Leu Tyr Asn Phe Ser Gly Glu Gln Met Ala Ser Tyr
                 85                  90                  95

Phe Gly Tyr Ala Val Ala Ala Thr Asp Val Asn Gly Asp Gly Leu Asp
            100                 105                 110

Asp Leu Leu Val Gly Ala Pro Leu Leu Met Asp Arg Thr Pro Asp Gly
        115                 120                 125

Arg Pro Gln Glu Val Gly Arg Val Tyr Val Tyr Leu Gln His Pro Ala
    130                 135                 140
```

```
Gly Ile Glu Pro Thr Pro Thr Leu Thr Leu Thr Gly His Asp Glu Phe
145                 150                 155                 160

Gly Arg Phe Gly Ser Ser Leu Thr Pro Leu Gly Asp Leu Asp Gln Asp
                165                 170                 175

Gly Tyr Asn Asp Val Ala Ile Gly Ala Pro Phe Gly Gly Glu Thr Gln
            180                 185                 190

Gln Gly Val Val Phe Val Phe Pro Gly Gly Pro Gly Gly Leu Gly Ser
        195                 200                 205

Lys Pro Ser Gln Val Leu Gln Pro Leu Trp Ala Ala Ser His Thr Pro
    210                 215                 220

Asp Phe Phe Gly Ser Ala Leu Arg Gly Gly Arg Asp Leu Asp Gly Asn
225                 230                 235                 240

Gly Tyr Pro Asp Leu Ile Val Gly Ser Phe Gly Val Asp Lys Ala Val
                245                 250                 255

Val Tyr Arg Gly Arg Pro Ile Val Ser Ala Ser Ala Ser Leu Thr Ile
            260                 265                 270

Phe Pro Ala Met Phe Asn Pro Glu Glu Arg Ser Cys Ser Leu Glu Gly
        275                 280                 285
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<210> 2
<211> 286
<212> PRT
<213> Homo sapiens

<400> 2

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Met Gly Gln Leu Ile Ser Asp Gln Val Ala Glu Ile Val Ser Lys Tyr
  1               5                  10                  15

Asp Pro Asn Val Tyr Ser Ile Lys Tyr Asn Asn Gln Leu Ala Thr Arg
             20                  25                  30

Thr Ala Gln Ala Ile Phe Asp Asp Ser Tyr Leu Gly Tyr Ser Val Ala
         35                  40                  45

Val Gly Asp Phe Asn Gly Asp Gly Ile Asp Asp Phe Val Ser Gly Val
     50                  55                  60

Pro Arg Ala Ala Arg Thr Leu Gly Met Val Tyr Ile Tyr Asp Gly Lys
 65                  70                  75                  80

Asn Met Ser Ser Leu Tyr Asn Phe Thr Gly Glu Gln Met Ala Ala Tyr
                 85                  90                  95

Phe Gly Phe Ser Val Ala Ala Thr Asp Ile Asn Gly Asp Asp Tyr Ala
            100                 105                 110

Asp Val Phe Ile Gly Ala Pro Leu Phe Met Asp Arg Gly Ser Asp Gly
        115                 120                 125
```

```
Lys Leu Gln Glu Val Gly Gln Val Ser Val Ser Leu Gln Arg Ala Ser
    130                 135                 140

Gly Asp Phe Gln Thr Thr Lys Leu Asn Gly Phe Glu Val Phe Ala Arg
145                 150                 155                 160

Phe Gly Ser Ala Ile Ala Pro Leu Gly Asp Leu Asp Gln Asp Gly Phe
                165                 170                 175

Asn Asp Ile Ala Ile Ala Ala Pro Tyr Gly Gly Glu Asp Lys Lys Gly
            180                 185                 190

Ile Val Tyr Ile Phe Asn Gly Arg Ser Thr Gly Leu Asn Ala Val Pro
        195                 200                 205

Ser Gln Ile Leu Glu Gly Gln Trp Ala Ala Arg Ser Met Pro Pro Ser
    210                 215                 220

Phe Gly Tyr Ser Met Lys Gly Ala Thr Asp Ile Asp Lys Asn Gly Tyr
225                 230                 235                 240

Pro Asp Leu Ile Val Gly Ala Phe Gly Val Asp Arg Ala Ile Leu Tyr
                245                 250                 255

Arg Ala Arg Pro Val Ile Thr Val Asn Ala Gly Leu Glu Val Tyr Pro
            260                 265                 270

Ser Ile Leu Asn Gln Asp Asn Lys Thr Cys Ser Leu Pro Gly
        275                 280                 285
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<210> 3
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<212> PRT
<213> Homo sapiens

<400> 3

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Met Gly Leu Leu Ala Gln Ala Pro Val Ala Asp Ile Phe Ser Ser Tyr
  1               5                  10                  15

Arg Pro Gly Ile Leu Leu Trp His Val Ser Ser Gln Ser Leu Ser Phe
             20                  25                  30

Asp Ser Ser Asn Pro Glu Tyr Phe Asp Gly Tyr Trp Gly Tyr Ser Val
         35                  40                  45

Ala Val Gly Glu Phe Asp Gly Asp Leu Asn Thr Thr Glu Tyr Val Val
     50                  55                  60

Gly Ala Pro Thr Trp Ser Trp Thr Leu Gly Ala Val Glu Ile Leu Asp
 65                  70                  75                  80

Ser Tyr Tyr Gln Arg Leu His Arg Leu Arg Ala Glu Gln Met Ala Ser
                 85                  90                  95

Tyr Phe Gly His Ser Val Ala Val Thr Asp Val Asn Gly Asp Gly Arg
            100                 105                 110
```

```
His Asp Leu Leu Val Gly Ala Pro Leu Tyr Met Glu Ser Arg Ala Asp
        115                 120                 125

Arg Lys Leu Ala Glu Val Gly Arg Val Tyr Leu Phe Leu Gln Pro Arg
    130                 135                 140

Gly Pro His Ala Leu Gly Ala Pro Ser Leu Leu Leu Thr Gly Thr Gln
145                 150                 155                 160

Leu Tyr Gly Arg Phe Gly Ser Ala Ile Ala Pro Leu Gly Asp Leu Asp
                165                 170                 175

Arg Asp Gly Tyr Asn Asp Ile Ala Val Ala Ala Pro Tyr Gly Gly Pro
            180                 185                 190

Ser Gly Arg Gly Gln Val Leu Val Phe Leu Gly Gln Ser Glu Gly Leu
        195                 200                 205

Arg Ser Arg Pro Ser Gln Val Leu Asp Ser Pro Phe Pro Thr Gly Ser
    210                 215                 220

Ala Phe Gly Phe Ser Leu Arg Gly Ala Val Asp Ile Asp Asp Asn Gly
225                 230                 235                 240

Tyr Pro Asp Leu Ile Val Gly Ala Tyr Gly Ala Asn Gln Val Ala Val
                245                 250                 255

Tyr Arg Ala Gln Pro Val Val Lys Ala Ser Val Gln Leu Leu Val Gln
            260                 265                 270

Asp Ser Leu Asn Pro Ala Val Lys Ser Cys Val Leu Pro Gln
        275                 280                 285
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<210> 4
<211> 864
<212> DNA
<213> Homo sapiens

<400> 4

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agctacctag gatactctgt ggctgttggt gaattcagtg gtgatgacac agaagacttt 180
gttgctggtg tgcccaaagg gaacctcact tacggctatg tcaccatcct taatggctca 240
gacattcgat ccctctacaa cttctcaggg gaacagatgg cctcctactt tggctatgca 300
gtggccgcca cagacgtcaa tggggacggg ctggatgact tgctggtggg ggcacccctg 360
ctcatggatc ggacccctga cgggcggcct caggaggtgg gcagggtcta cgtctacctg 420
cagcacccag ccggcataga gcccacgccc acccttaccc tcactggcca tgatgagttt 480
ggccgatttg gcagctcctt gacccccctg ggggacctgg accaggatgg ctacaatgat 540
gtggccatcg gggctccctt tggtggggag acccagcagg gagtagtgtt tgtatttcct 600
gggggcccag gagggctggg ctctaagcct tcccaggttc tgcagcccct gtgggcagcc 660
agccacaccc cagacttctt tggctctgcc cttcgaggag gccgagacct ggatggcaat 720
ggatatcctg atctgattgt ggggtccttt ggtgtggaca aggctgtggt atacaggggc 780
cgccccatcg tgtccgctag tgcctccctc accatcttcc ccgccatgtt caacccagag 840
gagcggagct gcagcttaga gggg                                        864
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<210> 5
<211> 858
<212> DNA
<213> Homo sapiens

<400> 5
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agctatttgg gttattctgt ggctgtcgga gatttcaatg gtgatggcat agatgacttt 180
gtttcaggag ttccaagagc agcaaggact ttgggaatgg tttatattta tgatgggaag 240
aacatgtcct ccttatacaa ttttactggc gagcagatgg ctgcatattt cggattttct 300
gtagctgcca ctgacattaa tggagatgat tatgcagatg tgtttattgg agcacctctc 360
ttcatggatc gtggctctga tggcaaactc caagaggtgg ggcaggtctc agtgtctcta 420
cagagagctt caggagactt ccagacgaca aagctgaatg gatttgaggt ctttgcacgg 480
tttggcagtg ccatagctcc tttgggagat ctggaccagg atggtttcaa tgatattgca 540
attgctgctc catatggggg tgaagataaa aaaggaattg tttatatctt caatggaaga 600
tcaacaggct tgaacgcagt cccatctcaa atccttgaag ggcagtgggc tgctcgaagc 660
atgccaccaa gctttggcta ttcaatgaaa ggagccacag atatagacaa aaatggatat 720
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<210> 6
<211> 858
<212> DNA
<213> Homo sapiens

<400> 6
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gacggctact gggggtactc ggtggccgtg ggcgagttcg acggggatct caacactaca 180
gaatatgtcg tcggtgcccc cacttggagc tggaccctgg gagcggtgga aattttggat 240
tcctactacc agaggctgca tcggctgcgc gcagagcaga tggcgtcgta ttttgggcat 300
tcagtggctg tcactgacgt caacggggat gggaggcatg atctgctggt gggcgctcca 360
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ctgcagccgc gaggccccca cgcgctgggt gcccccagcc tcctgctgac tggcacacag 480
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cccacaggct ctgcctttgg cttctccctt cgaggtgccg tagacatcga tgacaacgga 720
tacccagacc tgatcgtggg agcttacggg gccaaccagg tggctgtgta cagagctcag 780
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agctgtgtcc tacctcag 858

<210> 7
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
nucleotide sequence

<400> 7
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<210> 8
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 8
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1 5 10

<210> 9
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 9
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<210> 10
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 10
Leu Val Pro Arg
1

<210> 11
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 11
Leu Val Pro Arg Gly Ser
1 5

<210> 12
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
6xHis tag

<400> 12
His His His His His His
1 5

<210> 13
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 13
atgggtcgcg gatccatgct catggcgtcc accacttcc 39

<210> 14
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 14
cgacggaatt ctgcgatgaa gtgtccttgg ccag 34

<210> 15
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 15
cgagctaagg cgagctcaat ggaaggcatt agcatttata c 41

<210> 16
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 16
cgacggccca agcttgctgc tatgaaagct gctgctttc 39